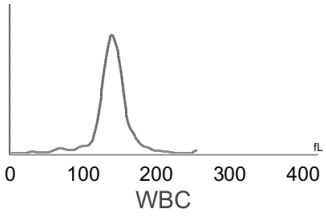
Pet Doctors Veterinary Supplies and Services

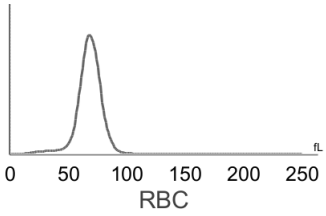
Blood Morphology Analysis Report

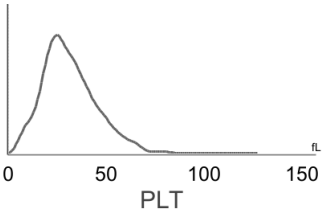
Pet Name: Dutches	Owner Name: Kass Falcon	Species: Canine
Gender:Female	Age:4Y	Patient or Visit NO.:
Sample ID: 260726001	Sample Type: Blood	Time Tested: 26/07/2026 11:43:10

Test	Result		Unit	Reference Range	Low | Normal | High
1.WBC					
1-1White blood cell count(WBC)	9.98		10^9/L	6.00-17.00	
1-2Neutrophils(Neu#)	8.61		10^9/L	3.62-12.30	
1-3Neutrophil stab granulocytes(Nst#)	0.00		10^9/L	0.00-1.00	
1-4Neutrophil segmented granulocytes(Nsg#)	8.61		10^9/L	2.30-11.50	
1-5Hypersegmented neutrophils(Nsh#)	0.00		10^9/L	0.00-3.50	
1-6Lymphocytes(Lym#)	0.64	↓	10^9/L	0.83-4.91	
1-7Monocytes(Mon#)	0.60		10^9/L	0.14-1.97	
1-8Eosinophils(Eos#)	0.12		10^9/L	0.04-1.62	
1-9Basophils(Bas#)	0.01		10^9/L	0.00-0.12	
1-10%Neutrophils(Neu%)	86.3	↑	%	50.0-81.0	
1-11%Neutrophil stab granulocyte in WBC(Nst/WBC%)	0.0		%	0.0-10.0	
1-12%Neutrophil segmented granulocyte(Nsg%)	86.3	↑	%	48.0-70.0	
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-15.5	
1-14%Lymphocytes(Lym%)	6.4	↓	%	12.0-33.0	
1-15%Monocytes(Mon%)	6.0		%	2.0-13.0	
1-16%Eosinophils(Eos%)	1.2		%	0.5-10.0	
1-17%Basophils(Bas%)	0.1		%	0.0-1.3	
1-18%Neutrophil stab granulocyte in Neu(Nst/Neu%)	0.0		%	0.0-22.0	
1-19%Hypersegmented neutrophils in Neu(Nsh/Neu%)	0.0		%	0.0-20.0	
2.RBC					
2-1Red blood cell count(RBC)	3.64	↓	10^12/L	5.10-8.50	
2-2Hemoglobin concentration(HGB)	99	↓	g/L	110-190	
2-3Hematocrit(HCT)	28.5	↓	%	35.0-58.0	
2-4Mean corpuscular volume(MCV)	78.3		fL	55.0-83.0	
2-5Mean corpuscular hemoglobin(MCH)	27.2		pg	18.0-31.0	
2-6Mean corpuscular hemoglobin concentration(MCHC)	348		g/L	260-430	
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	14.1		%	11.2-21.3	
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	41.3		fL	31.2-51.7	
2-9Reticulocytes(RET#)	6.60		10^9/L	3.00-45.00	
2-10%Reticulocytes(RET%)	0.18		%	0.00-1.00	
2-11Mean reticulocyte volume(MCVr)	45.9		fL	30.0-120.0	
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	49.8		%	20.0-80.0	
2-13Nucleated red blood cell(NRBC#)	0.00		10^9/L	0.00-0.10	
2-14%Nucleated red blood cell in WBC(NRBC/WBC%)	0.00		%	0.00-0.50	
2-15Erythrocyte ghost(ETG#)	0.00		10^12/L	0.00-0.10	
2-16%Erythrocyte ghost(ETG%)	0.01		%	0.00-3.00	
2-17Spherocytes(SPH#)	0.76		10^9/L	0.00-150.00	
2-18%Spherocytes(SPH%)	0.02		%	0.00-2.00	
2-19Agglutinated erythrocytes(AGG#)	0.00		10^9/L	0.00-0.50	
2-20Heinz Bodies(HBRBC#)	0.00		10^9/L	0.00-0.00	
3.PLT					
3-1Platelet(PLT)	57	↓	10^9/L	117-490	
3-2Mean platelet volume(MPV)	16.2	↑	fL	8.4-14.1	

3-3Plateletcrit(PCT)	0.097		%	0.090-0.580
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	87.1	↑	%	30.0-80.0
3-5Platelet distribution width-Standard Deviation(PDW-SD)	26.0	↑	fL	5.0-20.0
3-6Large platelet(LPLT#)	41		10^9/L	0-285
3-7%Large platelet(P-LCR)	71.3	↑	%	9.0-50.0







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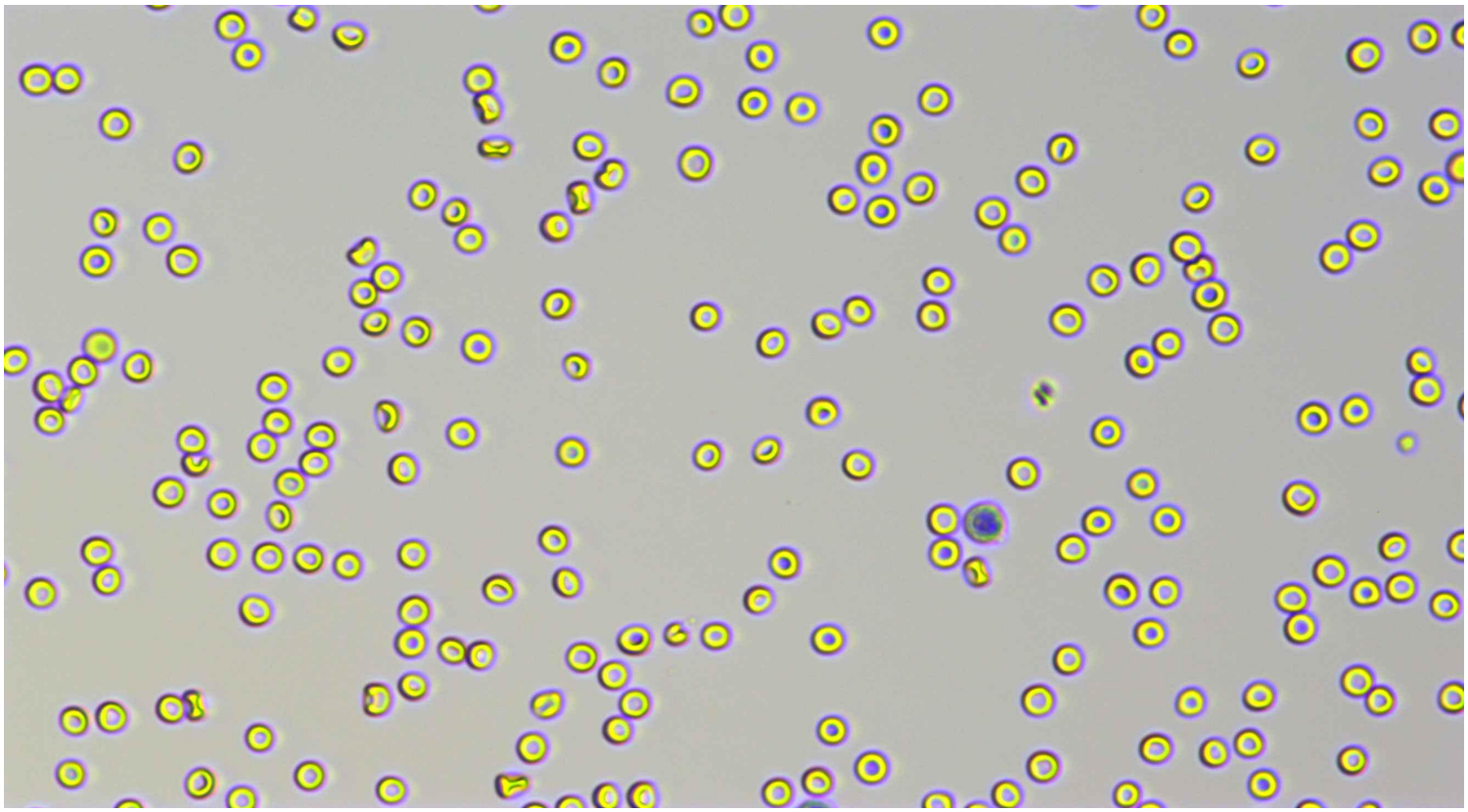
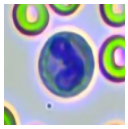
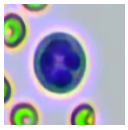
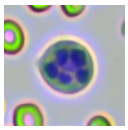
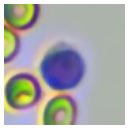
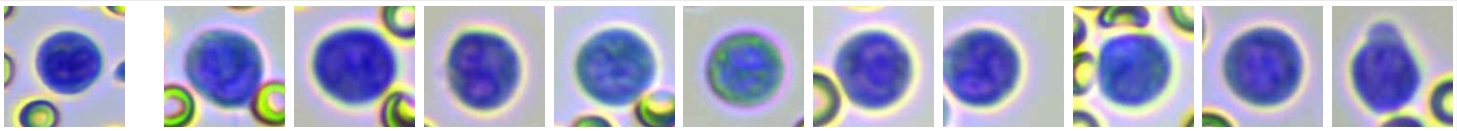
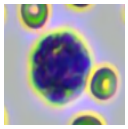
Distribution Chart



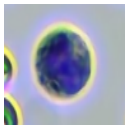
 Neutrophil stab granulocytes	Count:	Concentration:	Percentage:
 Neutrophil segmented granulocytes	Count: 483.0	Concentration: 8.61 x 10^9/L	Percentage: 86.3 Nsg#/WBC
 Hypersegmented neutrophils	Count:	Concentration:	Percentage:
 Lymphocytes	Count: 34.0	Concentration: 0.64 x 10^9/L	Percentage: 6.4 Lym#/WBC



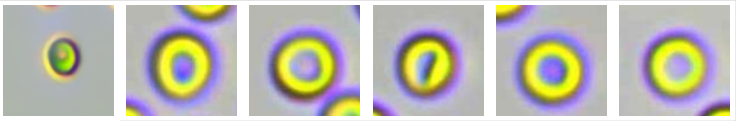
Monocytes	Count: 32.0	Concentration: 0.60 x 10^9/L	Percentage: 6.0 Mon#/WBC



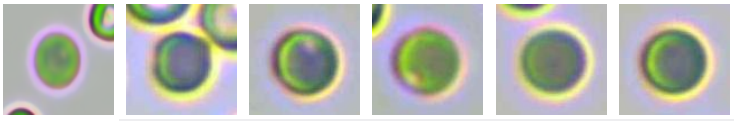
Eosinophils	Count:	Concentration:	Percentage:



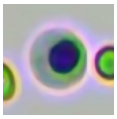
Basophils	Count:	Concentration:	Percentage:



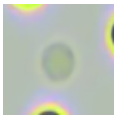
Normocyte	Count: 64816.0	Concentration: 3.64 x 10^12/L	Percentage：99.9 Normocyte#/RBC



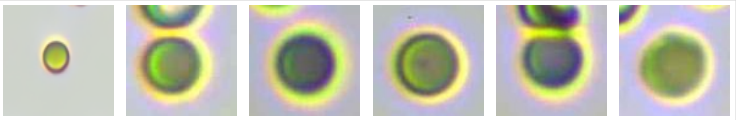
Reticulocytes	Count: 57.0	Concentration: 6.60 x 10^9/L	Percentage: 0.18 RET#/RBC



Nucleated red blood cell	Count:	Concentration:	Percentage：

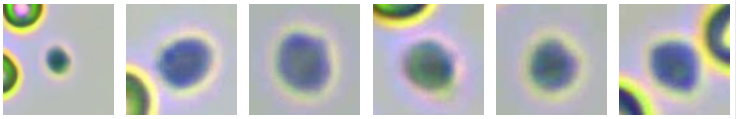


Erythrocyte ghost	Count:	Concentration:	Percentage:

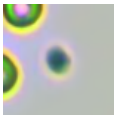


Spherocytes	Count: 46.0	Concentration: 0.76 x 10^9/L	Percentage：0.02 SPH#/RBC

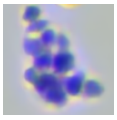
Agglutinated erythrocytes	Count:	Concentration:	Percentage:



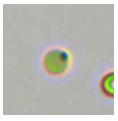
Normal platelets	Count: 1272.0	Concentration: 57 x 10^9/L	Percentage：28.7 NPLT#/PLT



Large platelet	Count:	Concentration:	Percentage:



Aggregate platelets	Count:	Concentration:	Percentage：



Heinz Bodies	Count:	Concentration:	Percentage:

Clinical Significance

Lym#	**Decreased levels:**It is seen in stress, Cushing's syndrome (Cushing's Syndrome) or use of glucocorticoids, lymphosarcoma, immunosuppressive drugs, and destruction of lymphoid tissue such as lymphangiectasis and lymphadenitis.
RBC	**Decreased levels:**Common of all kinds is urgent, chronic and haemorrhagic anaemia, if ulcer, tumor, operation; and the haemolytic anaemia that helminth infection, autoimmunity haemolysis causes; the nutrition sex anaemia that hidebound causes; the aplastic anaemia that toxic, immune disease, endocrine is maladjusted cause.
HGB	**Decreased levels:**It is common in anemia caused by various reasons, such as hemolytic anemia, blood loss and anemia caused by parasitic infection.
HCT	**Decreased levels:**It is common in anemia caused by various reasons.

PLT	**Decreased levels:**It is common in sample agglutination, such as physiological agglutination in cats, poor anticoagulation after sampling and long-term storage; Accelerated platelet clearance due to various causes, such as primary immune-mediated thrombocytopenia and secondary immune-mediated thrombocytopenia due to autoimmune diseases, tumors, infectious diseases, canine distemper attenuated vaccination, protozoal infection, dirofilariasis, histoplasmosis, and immune complex vasculitis;It is occasionally seen in abnormal platelet production caused by drugs, infections, vaccines, and defective platelet production.
MPV	**Elevated levels:**It is common in reactive platelet production after blood loss, secondary platelet destruction, myeloproliferative diseases, hyperthyroidism and so on.
PDW-CV	**Elevated levels:**It suggests that the platelet size is not uniform.
PDW-SD	**Elevated levels:**It suggests that the platelet size is not uniform.
P-LCR	**Elevated levels:**It is commonly seen in bone marrow reactive thrombocytopenia.

Veterinary Technician: not specified
Attending Veterinarian: Dr. Marian Grace Wanagen Date Reported: 26/07/2026

This report is solely for the received sample and serves as a diagnostic reference for veterinarians.